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SUBJECT GROUP 3500-3699 TRAINING AND READINESS

SUBGROUP 3522 - SONAR

3522.1 Hazards of Sonar Transmissions

a. General. Sonar operations will not be conducted in the vicinity of diving operations. The high power transmitted by sonar is capable of causing serious physiological damage to divers and swimmers in the vicinity. In the event it becomes necessary to operate sonar equipment inport, while diving operations are in progress, minimum safe distances prescribed by NAVSEAINST 3150.2 series will be strictly observed to prevent injury to personnel. It is the responsibility of ships' commanding officers to ensure that no one is injured by sonar. See Article 3170.3 of this manual for procedures for diving operations.

b. Permission to Conduct Sonar Operations at Naval Station (NAVSTA), Norfolk and Naval Amphibious Base (NAVPHIBASE), Little Creek. All transmissions will be restricted to the hours of 1800-0600 Monday-Friday, and all day Saturday and Sunday. A message request is required, using the following format, at least 36 hours in advance of the planned transmission. Emergent requests required to clear an underway restrictive condition will be assigned a priority and handled accordingly. In the event it is necessary to conduct diving operations during stated sonar windows due to unscheduled emergent work or major evolutions, sonar windows may be altered by Port Operations. Coordination of sonar and diving operations at anchor shall be the responsibility of the affected ship's commanding officer. Use the following format for requesting permission to transmit sonar:

FROM {Originator}
TO NAVSTA NORFOLK VA//PM PORT OPS/N3//
INFO ALL SHIPS AND FLEET UNITS NORFOLK/LITTLE CREEK SUBAREA (see Note 1)
SOPA ADMIN HAMPTON ROADS AREA VA//N301//
COMREGSUPPGRU NORFOLK VA//414//
MOBDIVSALU TWO
ROICC NORFOLK VA//RO//
SIMA NORFOLK VA//00/01/03/06//
TYPE COMMANDER (if period longer than five days)
UNCLAS //NO3255//
MSGID/GENADMIN/(originator)//
SUBJ: SONAR TRANSMISSION//
REF/A/DOC/COMNAVREG MIDLANT NORVA//DATE//
AMPN/COMNAVREGMIDLANT/SOPA (ADMIN) HRINST 5400.1 (SOPA MANUAL) ARTICLE 3522.1//
RMKS/1. IAW REF A, REQUEST PERMISSION TO TRANSMIT SONAR (DTG) TO (DTG), AT PIER (NO.) USING NOT GREATER THAN TWENTY PERCENT DUTY CYCLE.
2. REASON FOR REQUEST: (E.G. PMS, INSPECTION, ETC)//

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NOTE 1: This is the only time ships are authorized to use this CAD.

c. Permission to Conduct Sonar Operations at Norfolk Naval Shipyard (NAVSHIPYD Norfolk), Portsmouth or other shipyards in the vicinity of Norfolk. Ships berthed/undergoing repairs at shipyards (military or civilian) in the Portsmouth Subarea shall request permission by message at least 36 hours in advance from NAVSHIPYD NORFOLK VA//800//. Use the following format for requesting permission to transmit sonar at/near NAVSHIPYD Norfolk.

FROM {Originator}
TO NAVSHIPYD NORFOLK VA//800/812/821/300/900//
INFO ALL SHIPS IN PORTSMOUTH SUBAREA//
SUPSHIP PORTSMOUTH VA//
NAVSTA NORFOLK VA//PM PORT OPS/N3//
UNCLAS//N03255//
MSGID/GENADMIN/(ORIGINATOR)//
REF/A/DOC/COMNAVREG MIDLANT NORVA//DATE//
AMPN/COMNAVREGMIDLANT/SOPA (ADMIN) HRINST 5400.1 (SOPA MANUAL) ARTICLE 3522.1//
RMKS/1. IAW REF A REQUEST PERMISSION TO TRANSMIT SONAR (DTG) (INDICATE HOURS OF TRANSMISSION), (SHIPYARD AND BERTH OF SHIP LOCATION) USING NO GREATER THAN TWENTY PERCENT DUTY CYCLE.//

d. Permission to Conduct Sonar Operations at Naval Weapons Station (WPNSTA), Yorktown. Sonar operations are not permitted at WPNSTA Yorktown.

e. Restrictions. Duty cycle percentage (maximum of twenty percent) is established in accordance with NAVSEAINST 3150.2 series. Requests to transmit sonar for time periods longer than five days will not normally be approved. If a longer time period is necessary, ships may submit another message request.

f. Additional Requirement. Due to the potential danger to personnel in the water, ships will not operate sonar without first contacting the appropriate office as listed below and receiving permission to transmit sonar. Ships must also make notification when sonar transmission is completed.

(1) NAVSTA Norfolk, contact Norfolk Port Control on VHF Channel 13.

(2) NAVPHIBASE Little Creek, contact Little Creek Port Control on VHF Channel 12.

(3) NAVSHIPYD Norfolk and nearby shipyards, contact the NAVSHIPYD Norfolk Duty Officer.

g. Scheduling Conflicts. COMREGSUPPGRU Norfolk will resolve conflicts between sonar and diving requirements at NAVSTA Norfolk

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piers. For assistance call the COMREGSUPPGRU Norfolk Diving
Coordinator.